

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :
Kazushi MASHIMA et al. : **Mail Stop: PCT**
Serial No. NEW : Attorney Docket No. 2005_1141A
Filed July 19, 2005 :

LIGANDS AND COMPLEX COMPOUNDS THEREOF
[Corresponding to PCT/JP2004/001146
Filed February 4, 2004]

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request consideration of the references listed on attached form PTO-1449 and any additional information identified below in paragraph 3. A legible copy of each reference listed on the Form PTO-1449 is enclosed, except a copy is not provided for:

- ☐ each U.S. Patent and U.S. Patent application publication;
- ☒ each reference previously cited in the international application
PCT/JP2004/001146; and/or
- ☐ each reference previously cited in prior parent application Serial No.
_____.

1a. ☒ This Information Disclosure Statement is submitted:

within three months of the filing date (or of entry into the National Stage) of the above-entitled application, **or**

before the mailing of a first Office Action on the merits or the mailing of a first Office Action after the filing of an RCE,

and thus no certification and/or fee is required.

- 1b. ☐ This Information Disclosure Statement is submitted

after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

- (1) ☐ the certification of paragraph 2 below is provided, **or**
(2) ☐ the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

- 1c. ☐ This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

**the certification of paragraph 2 below is provided, and
the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.**

2. It is hereby certified

- a. ☐ that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or
b. ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.

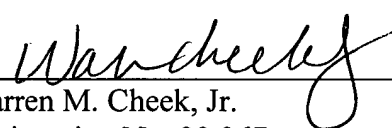
3. ☐ Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.

4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:
- a. ☐ a full or partial English language translation submitted herewith,
 - b. ☐ a foreign patent office search report (in the English language) submitted herewith,
 - c. ☒ some of the references are described in the specification,
 - d. ☐ the concise explanation set forth in the attached English language abstract,
 - e. ☐ the concise explanation set forth below or on a separate sheet attached to the reference:
5. ☒ A foreign patent office search report citing one or more of the references is enclosed.

Respectfully submitted,

Kazushi MASHIMA et al.

By


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July 19, 2005

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INFORMATION DISCLOSURE STATEMENT

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

LIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

Date Submitted to PTO: July 19, 2005

ATTY DOCKET NO.
2005_1141A

SERIAL NO.
NEW

10/542659

APPLICANT
Kazushi MASHIMA et al.

FILING DATE
July 19, 2005

GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AC	2000-256384	9/2000	JP			Abstract
	AD	2002-363143	12/2002	JP			Abstract
	AE						
	AF						

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	AG	D. A. Evans et al., "A Chiral Samarium-Based Catalyst for the Asymmetric Meerwein-Ponndorf-Verley Reduction", J. Am. Chem. Soc., Vol. 115, pp. 9800-9801, 1993.
	AH	B. M. Trost et al., "Asymmetric Aldol Reaction via a Dinuclear Zinc Catalyst: α -Hydroxyketones as Donors", J. Am. Chem. Soc., Vol. 123, pp. 3367-3368, 2001.
	AI	M. Su Han et al., "Naked-Eye Detection of Phosphate Ions in Water at Physiological pH: A Remarkably Selective and Easy-To-Assemble Colorimetric Phosphate-Sensing Probe", Angew. Chem. Int. Ed., Vol. 41, No. 20, pp. 3809-3811, 2002.
	AJ	M. Orama et al., "Formation of Copper(II), Cobalt(II), Zinc(II) and Lead(II) Complexes N, N, N', N'-Tetrakis(2-hydroxypropyl)-ethylenediamine in Aqueous Solution", Finn. Chem. Lett., No. 6, pp. 182-185, 1979.
	AK	J. Gao et al., "Asymmetric cyclopropanation catalyzed by C ₂ -symmetric bis-(ephedrine)-Cu(II) complexes", Journal of Molecular Catalysis A: Chemical, Vol. 191, No. 1, pp. 23-27, January 2, 2003.

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.